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DIALOG(R)File 350:Derwent WPIX

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Bituminous paving compsn. - contg. copolymer derived from at least 1 of isobutylene, polystyrene or polyacrylate and maleic acid (anhydride)

Patent Assignee: IDEMITSU PETROCHEM CO (IDEM )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 62079268	A	19870411	JP 85219086	A	19851003	198720 B
JP 93052858	B	19930806	JP 85219086	A	19851003	199334

Priority Applications (No Type Date): JP 85219086 A 19851003

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 62079268	A		4		
JP 93052858	B		4	C08L-095/00	Based on patent JP 62079268

Abstract (Basic): JP 62079268 A

Compsn. comprises (A) 100 wt. pts. bituminous material and (B) 0.5-30 wt. pts. copolymer or its salt comprising units derived from monomer(s) of isobutylene, styrene or acrylate ester and repeating units derived from maleic acid or its anhydride.

The bituminous material is pref. straight asphalt, brown asphalt, semi-brown asphalt, solvent extracted asphalt, natural asphalt, petroleum pitch, coal tar or coal pitch. The copolymer is pref. isobutylene or styrene or acrylate ester/maleic acid or anhydride copolymer, isobutylene/styrene or acrylate ester/maleic acid or anhydride terpolymer or isobutylene/styrene/acrylate ester/ maleic acid or anhydride tetrapolymer. It has number average mol. wt. of 3,000-400,000.

USE/ADVANTAGE - The compsn. has suitable viscosity and softening pts. so that disadvantages such as embrittlement at low temp. or fluidity at high temp. are sufficiently improved. The copolymer has high compatibility with the bituminous material at lower temp. It is usable for paving roads.

Derwent Class: A18; A93; H08; L02

International Patent Class (Main): C08L-095/00

International Patent Class (Additional): C08L-033/02; C08L-023-22;

C08L-025-08; C08L-033-08; C08L-035-00; C08L-095/00

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